

1/8

10 30 50
 AAGGGAACGTGTTTCTCCCCTCGTTTGGTCATGGAGGCGCTGCCCTGCTAGCCGCGACA
 M E A L P L L A A T
 70 90 110
 ACTCCGGACCACGGCCGCCACCGAAGGCTGCTTCTGCTGCCGCTACTGCTGTTCTCTGCTG
 T P D H G R H R R L L L L P L L L F L L
 130 150 170
 CCGGCTGGAGCTGTGCAGGGCTGGGAGACAGAGGAGAGGCCCGGACTCGCGAAGAGGAG
 P A G A V Q G W E T E E R P R T R E E E
 190 210 230
 TGCCACTTCTACGCGGGTGGACAAGTGTACCCGGGAGAGGCATCCCGGGTATCGGTGCGCC
 C H F Y A G G Q V Y P G E A S R V S V A
 250 270 290
 GACCACTCCCTGCACCTAAGCAAAGCGAAGATTTCCAAGCCAGCGCCCTACTGGGAAGGA
 D H S L H L S K A K I S K P A P Y W E G
 310 330 350
 ACAGCTGTGATCGATGGAGAATTTAAGGAGCTGAAGTTAACTGATTATCGTGGGAAATAC
 T A V I D G E F K E L K L T D Y R G K Y
 370 390 410
 TTGGTTTTCTTCTTCTACCCACTTGATTTACATTTGTGTGTCCAAGTAAATTATCGCT
 L V F F F Y P L D F T F V C P T E I I A
 430 450 470
 TTTGGCGACAGACTTGAAGAATTCAGATCTATAAATACTGAAGTGGTAGCATGCTCTGTT
 F G D R L E E F R S I N T E V V A C S V
 490 510 530
 GATTCACAGTTTACCCATTTGGCCTGGATTAATACCCCTCGAAGACAAGGAGGACTTGGG
 D S Q F T H L A W I N T P R R Q G G L G
 550 570 590
 CCAATAAGGATTCCACTTCTTTTCAGATTTGACCCATCAGATCTCAAAGGACTATGGTGTA
 P I R I P L L S D L T H Q I S K D Y G V
 610 630 650
 TACCTAGAGGACTCAGGCCACACTCTTAGAGGTCTCTTCATTATTGATGACAAAGGAATC
 Y L E D S G H T L R G L F I I D D K G I
 670 690 710
 CTAAGACAAATTACTCTGAATGATCTTCTGTGGGTAGATCAGTGGATGAGACACTACGT
 L R Q I T L N D L P V G R S V D E T L R
 730 750 770
 TTGGTTCAAGCATTCCAGTACACTGACAAACACGGAGAAGTCTGCCCTGCTGGCTGGAAA
 L V Q A F Q Y T D K H G E V C P A G W K
 790 810 830
 CCTGGTAGTGAAACAATAATCCAGATCCAGCTGGAAAGCTGAAGTATTTTCGATAAACTG
 P G S E T I I P D P A G K L K Y F D K L
 850 870 890
 AATTGAGAAATACTTCTTCAAGTTATGATGCTTGAAAGTTCTCAATAAAGTTCACGGTTT
 N
 910
 CATTACCACAAAAAAA

0091346-02401

FIG.1

APPROVED	C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

093363

[illegible][illegible]

	70										80										90										Consensus #1
																															Majority
58	Q	V	Y	P	G	E	A	S	R	V	S	V	A	D	H	S	L	H	L	S	K	A	K	I	S	K	P	A	P	Y	NKEF C
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	K	I	G	H	P	A	P	N	NKEF A
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	R	I	G	K	P	A	P	D	NKEF B
43	I	L	W	S	A	S	A	Q	G	K	S	A	F	S	T	S	S	F	H	T	P	A	V	T	Q	H	A	P	Y	MER5	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	K	I	G	Y	P	A	P	N	MSP23

FIG. 2A

FOH220" SHEET 660

...	T A V	G . F K	L	G K Y . V . F F Y	Consensus #1
	F K A T A V V -	D G E F K E L S L S D Y K G K Y V V F F F Y			Majority
		100	110	120	
88	W E G T A V I -	D G E F K E L K L T D Y R G K Y L V F F F Y			NKEF C
15	F K A T A V M P	D G Q F K D I S L S D Y K G K Y V V F F F Y			NKEF A
15	F K A T A V V -	D G A F K E V K L S D Y K G K Y V V L F F F Y			NKEF B
73	F K G T A V V -	N G E F K E L S L D D F K G K Y L V L F F F Y			MER5
15	F K A T A V M P	D G Q F K D I S L S E Y K G K Y V V F F F Y			MSP23

	P L D F T F V C P T E I . A F	F	V . .	Consensus #1	
	P L D F T F V C P T E I I A F S D R A E E F K K L N C E V V			Majority	
		130	140	150	
117	P L D F T F V C P T E I I A F G D R L E E F R S I N T E V V				NKEF C
45	P L D F T F V C P T E I I A F S D R A E E F K K L N C Q V I				NKEF A
44	P L D F T F V C P T E I I A F S N R A E D F R K L G C E V L				NKEF B
102	P L D F T F V C P T E I V A F S D K A N E F H D V N C E V V				MER5
45	P L D F T F V C P T E I I A F S D R A D E F K K L N C Q V I				MSP23

	S V D S . F . H L A W . N T P	G G L G	I . L	Consensus #1	
	G A S V D S H F C H L A W I N T P R K Q G G L G P M N I P L			Majority	
		160	170	180	
147	A C S V D S Q F T H L A W I N T P R R Q G G L G P P I R I P L				NKEF C
75	G A S V D S H F C H L A W V N T P K Q G G L G P M N I P L				NKEF A
74	G V S V D S Q F N H L A W I N T P R K E G G L G P L N I P L				NKEF B
132	A V S V D S H F S H L A W I N T P R K N G G L G H M N I T L				MER5
75	G A S V D S H F C H L A W I N T P K Q G G L G P M N I P L				MSP23

FIG.2B

FIG. 2C

	D D Y G V G R G L F I I D	Consensus #1
	L S D P T R T I S Q D Y G V L K A D E G I A L R G L F I I D	Majority
	190 200 210	
177	L S D L T H Q I S K D Y G V Y L E D S G H T L R G L F I I D	NKEF C
105	V S D P K R T I A Q D Y G V L K A D E G I S F R G L F I I D	NKEF A
104	L G D V T R R L S E D Y G V L K T D E G I A Y R G L F I I D	NKEF B
162	L S D I T K Q I S R D Y G V L L E S A G I A L R G L F I I D	MER5
105	I S D P K R T I A Q D Y G V L K A D E G I S F R G L F I I D	MSP23

	D N D . P . . . R S V . E . . R L V . A F Q	Consensus #1
	D K G I L R Q I T V N D L P V G R S V D E T L R L V Q A F Q	Majority
	220 230 240	
207	D K G I L R Q I T L N D L P V G R S V D E T L R L V Q A F Q	NKEF C
135	D K G I L R Q I T V N D P P C C R S V D E T L R L V Q A F Q	NKEF A
134	G K G V L R Q I T V N D L P V G R S V D E A L R L V Q A F Q	NKEF B
192	P N G V V K H L S V N D L P V G R S V E E T L R L V K A F Q	MER5
135	D K G I L R Q I T I N D L P V G R S V D E I I R L V Q A F Q	MSP23

	H G E V C P A . W . P . S . T I . P Y	Consensus #1
	F T D K H G E V C P A G W K P G S D T I K P D V X K S K E Y	Majority
	250 260 270	
237	Y T D K H G E V C P A G W K P G S E T I I P D P A G K L K Y	NKEF C
165	F T D K H G E V C P A G W K P G S D T I K P D V P K T K E Y	NKEF A
164	Y T D E H G E V C P A G W K P G S D T I K P N V D D S K E Y	NKEF B
222	F V E T H G E V C P A N W T P E S P T I K P S P T A S K E Y	MER5
165	F T D K H G E V C P A G W K P G S D T I K P D V N K S K E Y	MSP23

FIG. 2C

APPROVED	O. . FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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104220-3HEFF60

Consensus #1
Majority

NKEF C
NKEF A
NKEF B
MER5
MSP23

F . K . . .
F S K - Q K

267	F D K L N .
195	F S K - Q K
194	F S K - H N
252	F E K V H Q
195	F S K - Q K

FIG.2D

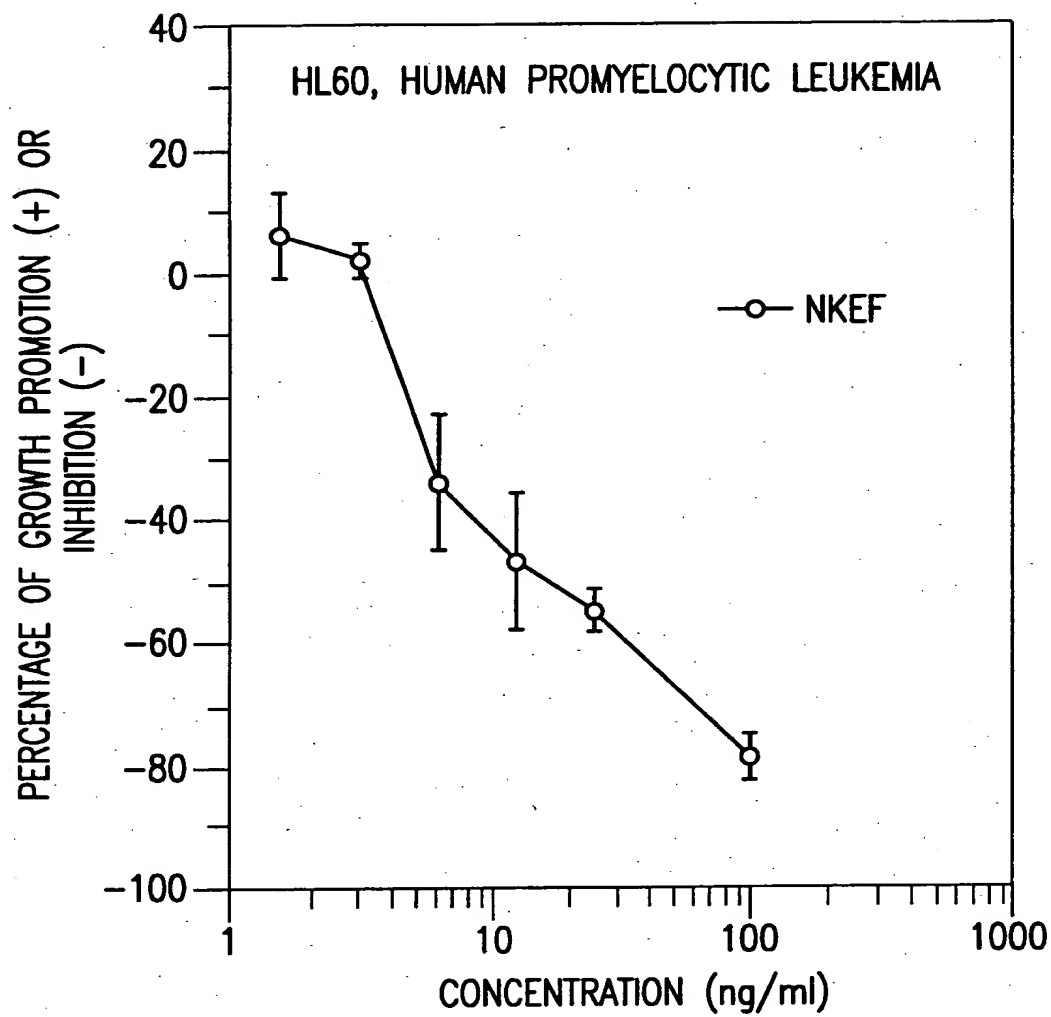


FIG.3

APPROVED	O. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FOR 240 SHEET 60

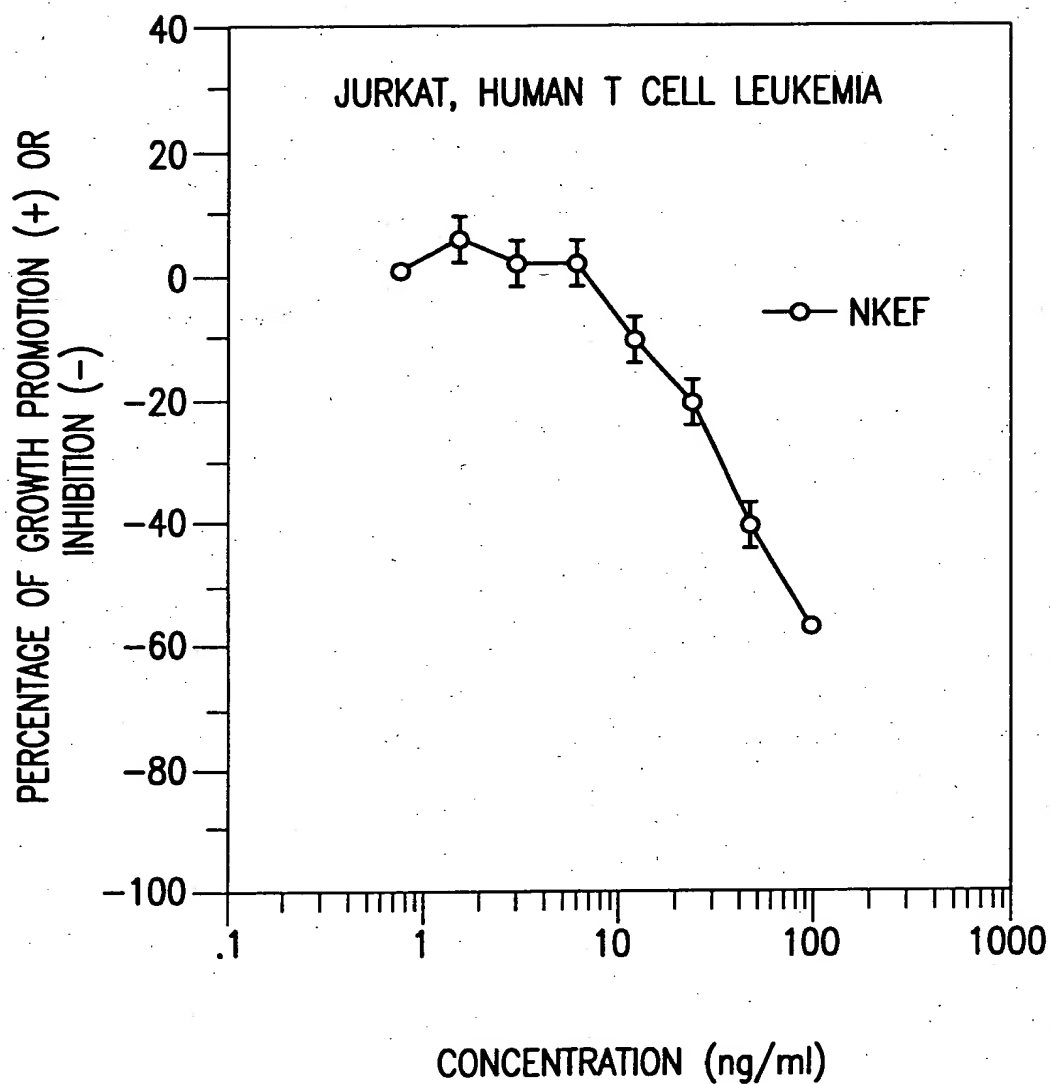


FIG.4

104220 SHEET 660

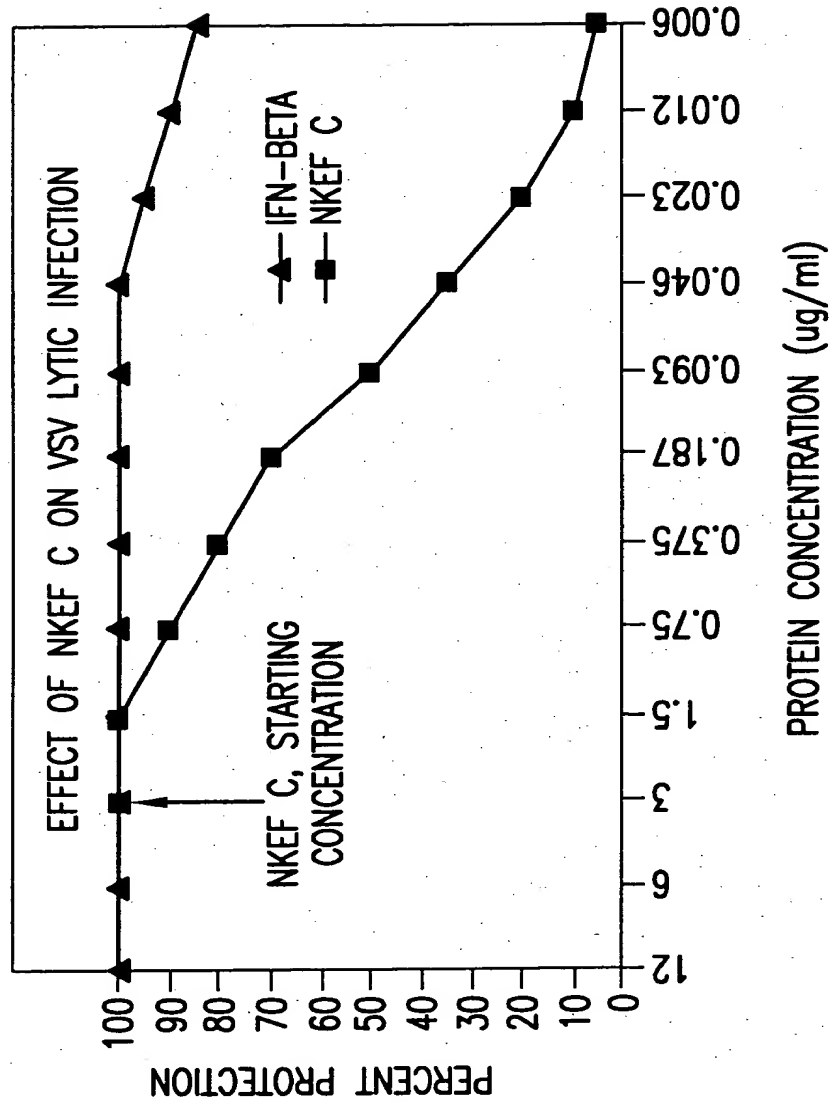


FIG.5